

## ABSTRACT

Storage system for extracorporeal storage of organs. The storage system artificially maintains or regenerates the vital functions of organs, including limbs and tissue lobes. The storage system comprises an organ perfusion chamber filled with dialysate as a storage fluid and equipped with a temperature control device that maintains the temperature of the storage fluid. The organ stored in the perfusion chamber is covered by a protective cover and maintained in a completely floating state in the storage fluid.